

## sofirn SC31PRO

# Sofirn SC31 Pro 2000 Lumen Flashlight User Manual

Model: SC31PRO | Brand: Sofirn

## 1. PRODUCT OVERVIEW

The Sofirn SC31 Pro is a compact, high-performance rechargeable flashlight designed for everyday carry (EDC) and various outdoor activities. It features a powerful SST40 LED, USB-C recharging, and the versatile Anduril UI 2.



Figure 1: Sofirn SC31 Pro Flashlight. This image shows the overall design of the flashlight, highlighting its compact size and textured body for grip.

## 2. SETUP

### 2.1 Battery Installation

The SC31 Pro comes with a pre-installed 18650 Lithium Ion battery. Before first use, ensure the battery is properly seated and any insulating film is removed. Unscrew the tail cap to access the battery compartment.



Figure 2: Battery Installation. The flashlight's components are shown disassembled, including the 18650 battery, main body, and tail cap. Ensure the battery is inserted with the positive (+) terminal facing the head of the flashlight.

### 2.2 Charging the Battery

The flashlight features a built-in USB-C charging port for convenient and safe recharging. Lift the rubber cover on the side of the flashlight to reveal the USB-C port. Connect the provided USB-C cable to a power source (computer, adapter, car charger).

- The indicator light on the side switch will show red during charging.
- The indicator light will turn green when charging is complete.
- Charging typically takes 2 hours with a 5V 2A power source.

## TYPE-C RECHARGEABLE

Enjoy convenient, safe, fast charging for long-lasting brightness



Charging

full



Figure 3: USB-C Charging. The flashlight's components are shown connected to a power bank via its USB-C port, with the indicator light displaying charging status.

### 3. OPERATING INSTRUCTIONS

The Sofirn SC31 Pro uses the sophisticated Anduril UI 2.0. While it offers extensive customization, basic operation is straightforward.

#### 3.1 Basic Operation (Simple UI)

- **Turn On/Off:** Single click the side switch.
- **Brightness Adjustment (Ramping):** While ON, press and hold the switch to ramp brightness up or down. Release and press again to reverse direction.
- **Turbo Mode:** Double-click from ON to instantly activate maximum brightness (2000 lumens). Double-click again to return to the previous brightness level.
- **Moonlight Mode:** Press and hold the switch from OFF to activate moonlight mode.
- **Lockout:** 4 clicks from OFF to activate lockout mode. Repeat 4 clicks to unlock.



### 3.2 Special Modes

- **Lightning Mode:** From OFF, 3 clicks and hold to activate. This mode simulates lightning flashes.
- **Candle Mode:** From ON, 3 clicks and hold to activate. This mode simulates a flickering candle.



Figure 4: Quick Locate in the Dark. The image illustrates the flashlight's ability to provide immediate illumination in various settings, including a low-light room and an outdoor environment.

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Video 1: Sofirn SC31T vs SC31 Pro Beam Comparison. This video demonstrates the beam patterns and throw distance of the SC31 Pro compared to the SC31T in a dark outdoor setting, highlighting their performance differences.

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Video 2: Light Up the Night: Explore the SC31Pro Sofirn Flashlight. This video provides an overview of the SC31 Pro's features and performance, including its various light modes and brightness levels.

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Video 3: Sofirn SC31T vs. SC31 Pro: Which one is right for you? This video offers a detailed comparison between the SC31T and SC31 Pro, helping users decide which model best suits their needs based on features and performance.



Reverse body tube, works as cap light



Figure 5: Reversible Body Tube. The image demonstrates how the flashlight's body tube can be reversed, allowing the clip to be positioned for use as a cap light.

## 4. MAINTENANCE

- Clean the flashlight body and lens with a soft, damp cloth.
- Lubricate the O-rings regularly with silicone grease to maintain water resistance.
- Store the flashlight in a cool, dry place when not in use for extended periods.
- Avoid direct exposure to extreme temperatures.



# SUPER LONG LIFESPAN

Powerful SST40 (P2) LED with over 50,000-hour lifetime



Figure 6: IPX8 Waterproof Rating. The flashlight is shown partially submerged in water, demonstrating its IPX8 water resistance, suitable for various weather conditions.

## 5. TROUBLESHOOTING

- **Flashlight not turning on:** Check battery charge level. Ensure battery is inserted correctly. Tighten tail cap and head.
- **Dimming unexpectedly:** This is often due to thermal regulation. The flashlight will reduce brightness to prevent overheating. Allow it to cool down.
- **UI complexity:** Refer to the detailed Anduril UI 2.0 manual (included in the package or available online) for advanced settings and customization.

## 6. SPECIFICATIONS

Special Feature	Rechargeable
Color	Sc31 Pro-black
Power Source	Battery Powered
Light Source Type	LED
Material	Aluminum
White Brightness	2000 Lumens
Included Components	Battery
Voltage	3.7 Volts (DC)
Light Path Distance	200 Meters
Battery Cell Composition	Lithium Ion
Item Weight	2 ounces
Water Resistance Level	Water Resistant (IPX8)

## 7. WARRANTY & SUPPORT

The Sofirn SC31 Pro comes with responsive and helpful customer service. For any issues, feel free to contact Sofirn for a refund or replacement.

Contact the seller "Sofirn" directly on Amazon for support related to your purchase.